

# Fears of Depleted Uranium Use in Libya

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LEIDEN, The Netherlands , Jun 1 (IPS) – The pattern of deception to gain legitimacy for war in the eyes of the public by now is familiar. In the middle of March, Western powers led by the U.S., Britain and France initiated actions of war against Muammar Gaddafi's government of Libya. The start of war was preceded by a publicity offensive in which the Libyan leader was depicted as a madman.

The war was defended on the grounds that the Libyan people needed to be protected against their dictator via a 'no-fly' zone, and the public was made to believe the West exclusively aimed at defending the humanitarian interest of Libya's population. Now, concerns among the Western public over Libyan events have thinned. The need to camouflage war aims has concomitantly decreased.

Time to highlight some of the long-term implications of the Western intervention. A sound, but difficult test case is the West's use of depleted uranium weapons. Though U.S. and British officials have so far denied their employment over Libya, from the very start of the intervention to overthrow Gaddafi speculation has been rife that ammunitions used by the U.S. and NATO (North Atlantic Treaty Organisation) contain 'depleted' uranium. What to make of these stories?

First, the record on previous uses of so-called depleted uranium weapons is unequivocal. While the very word 'depleted' or impoverished appears to indicate that arms containing this type of uranium are not very dangerous, depleted uranium well exemplifies the intractable nature of nuclear production. For the radioactivity spread by these weapons is not just long lasting, it is perennial in a literal sense: it is said to last into the future for nearly as long as planet earth exists: some 4,5 billion years.

Yet for two reasons the U.S. and European states have historically opted to build weapons with everlasting radiating effects. Depleted uranium, largely consisting in uranium-238, is a very hardy metal. Hence it can be employed to strengthen military vehicles and arms. Also, arms containing 'depleted' uranium can easily pierce the armament systems of any, less powerfully equipped enemy.

Thus, the Iraqi army during the second Gulf war staged against Iraq's occupation of oil-rich Kuwait in 1991 was taken by surprise. Suddenly, U.S. tanks fired shells, later identified as depleted uranium shells, having a 1,000 meters longer carrying capacity than theirs, and hitting their tanks with extraordinary speed. Again, there is ample evidence confirming that the U.S. war plane known as Thunderbolt (the A-10) in the Gulf war and in the war against former Yugoslavia staged in the late 1990s fired similar armour-piercing shells from its cannon. A whole range of Western tanks and military planes have meanwhile been equipped with shells and bombs containing depleted uranium.

But how damaging is the use of depleted uranium in war really? It emerged as a by-product of the process of nuclear enrichment – massive quantities of depleted uranium originally needed to be put aside as waste. Their new destination therefore might appear an appropriate answer to the generation of waste. Yet the deleterious impact of materials containing a relatively ‘low’ dose of radioactivity, as uranium-238 does, have been exposed for decades – and from well before they started being channelized towards Western weaponry.

Best documented have been the consequences for Iraq, where depleted uranium weapons figured in U.S. tanks shells and bombs fired in the 1991 Gulf war, but also in the occupation war started in 2003. Two French journalistic accounts published in 2001 have given detailed descriptions of the effects suffered by Iraq’s civilian population after the Gulf war.

The extensive field-investigation carried out by the priest Jean-Marie Benjamin brought out that there had been a 350 percent increase in the rate of malformations in Iraqi babies at birth, such as dislocations of brains outside the head and of eyes at an unusually wide distance. Again, there have been reports that the number of blood cancers, leukemia, in Iraqi children has not just increased, but has multiplied.

Academic reports, for example by the conservative American Rand Corporation, have similarly spoken of indiscriminate risks for the lungs and digestive systems, of civilians and combatants alike. Radioactive dust may be inhaled after explosions of depleted uranium shells, or people get radiated after contact with unexploded shells in war zones. The toxic effects from depleted uranium weapons, such as for human mutations, have been recorded too.

Third, not only has the danger of depleted uranium weapons’ use by Western powers been put on record by a variety of sources, the use has also been delegitimised, thanks notably to sustained campaigning by anti-war coalitions over the past decade. Western analysts studying the U.S. and NATO war strategies have long ago admitted that depleted uranium weapons when spreading their radioactivity do not differentiate between military and civilian targets.

As long as such weapons are being used, damaging impacts on non-combatants, on civilian populations, cannot be averted. Hence in recent years international pressure has mounted, so as to force the U.S. and other Western powers which have incorporated this uranium into their armoury, to renege on its use.

Significantly, the General Assembly of the United Nations has thrice adopted resolutions expressing its concerns over the given weaponry. In the third resolution adopted towards the end of 2010, no less than 148 UN member states demanded from states employing depleted uranium weapons that they frankly ‘reveal their use’ whenever asked to do so by affected countries. Perhaps not surprisingly, four UN members voted against – the U.S., Britain, France and Israel. The three countries now waging war against Libya plus Israel stood opposed to an overwhelming majority of states expressing humanity’s growing anxiety.

Since the start of the war against Gaddafi, speculation by critics on the likelihood or risk that Western powers use the discredited weaponry in Libya has primarily focused on the potential inclusion of depleted uranium in two types of weapons; as warhead or armour enhancing material in cruise missiles; and as part of the shells fired by A-10 military planes.

In view of the past, inclusion in the shells fired by the A-10 Thunderbolt is more than likely.

Although Western officials routinely deny that they have used depleted uranium in the war on Libya, they have not excluded its possibility either. There are ample reasons to suspect that the denials are a war tactic, as was the initial denial stating that Western powers do not target bringing down Gaddafi's government. The fear is justified that the Libyan civilian population will face long-lasting radiation effects from depleted uranium weapons used over their territory.

\*(Dr. Peter Custers is author of a theoretical study on nuclear production, Questioning Globalized Militarism, Tulika/Merlin Press, 2011.) (FIN/2011)

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